



Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An isolated nucleic acid ~~molecule~~ comprising a nucleotide ~~nucleic acid~~ sequence encoding a polypeptide comprising the amino acid sequence of ~~SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:10, SEQ ID NO:13, SEQ ID NO:15, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:22, or SEQ ID NO:24.~~

2-3. (Canceled)

4. (Currently Amended) The nucleic acid ~~molecule~~ of claim 1 3, wherein the ~~nucleic acid molecule comprises the~~ nucleotide sequence comprises of ~~SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:14, SEQ ID NO:16, SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:21, SEQ ID NO:23, or SEQ ID NO:25.~~

5. (Currently Amended) An isolated nucleic acid ~~molecule~~ that hybridizes to a nucleotide sequence ~~nucleic acid molecule~~ consisting of ~~the nucleotide sequence of~~ ~~SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:7, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:16, SEQ ID NO:17, SEQ ID NO:19, SEQ ID NO:21, or SEQ ID NO:25~~ under conditions of incubation at 45°C in 6.0X SSC followed by washing in 0.2X SSC/0.1% SDS at 65°C.

6. (Currently Amended) An expression vector comprising the ~~The isolated~~ nucleic acid molecule of claim 1, ~~further comprising vector nucleic acid sequences.~~

7. (Currently Amended) A host cell containing the expression vector ~~nucleic acid~~
~~molecule~~ of claim 6.

8-10. (Canceled)

11. (Currently Amended) A method for producing a polypeptide comprising the amino acid sequence of ~~SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:10, SEQ ID NO:13, SEQ ID NO:15, SEQ ID NO:18, SEQ ID NO:20, SEQ ID NO:22, or SEQ ID NO:24~~, the method comprising culturing the host cell of claim 7 under conditions in which the polypeptide is expressed.

12-20. (Canceled)

21. (New) The nucleic acid of claim 1, wherein the polypeptide consists of the amino acid sequence of SEQ ID NO:6.

22. (New) An isolated nucleic acid comprising a nucleotide sequence that encodes a polypeptide comprising an amino acid sequence that is at least 85% identical to the sequence of SEQ ID NO:6.

23. (New) The nucleic acid of claim 22, wherein the amino acid sequence is at least 95% identical to the sequence of SEQ ID NO:6.

24. (New) The nucleic acid of claim 22, wherein the amino acid sequence is at least 98% identical to the sequence of SEQ ID NO:6.

25. (New) An isolated nucleic acid comprising a nucleotide sequence that is at least 85% identical to the sequence of SEQ ID NO:5.

26. (New) The nucleic acid of claim 25, wherein the nucleotide sequence is at least 95% identical to the sequence of SEQ ID NO:5.

27. (New) The nucleic acid of claim 25, wherein the nucleotide sequence is at least 98% identical to the sequence of SEQ ID NO:5.

28. (New) The nucleic acid of claim 5, wherein the nucleic acid comprises at least 600 nucleotides.

29. (New) The nucleic acid of claim 5, wherein the nucleic acid comprises at least 1,000 nucleotides.

30. (New) An isolated nucleic acid comprising a nucleotide sequence that encodes a polypeptide comprising amino acid residues 1-91, 188-506, or 688-1056 of SEQ ID NO:6.

31. (New) The nucleic acid of claim 30, wherein the polypeptide comprises amino acid residues 1-91 of SEQ ID NO:6.

32. (New) The nucleic acid of claim 30, wherein the polypeptide comprises amino acid residues 188-506 of SEQ ID NO:6.

33. (New) The nucleic acid of claim 30, wherein the polypeptide comprises amino acid residues 688-1056 of SEQ ID NO:6.

34. (New) The nucleic acid of claim 1, further comprising a sequence encoding a heterologous polypeptide.

35. (New) The nucleic acid of claim 22, further comprising a sequence encoding a heterologous polypeptide.

36. (New) The nucleic acid of claim 30, further comprising a sequence encoding a heterologous polypeptide.

37. (New) An expression vector comprising the nucleic acid of claim 22.

38. (New) A host cell comprising the expression vector of claim 37.

39. (New) The host cell of claim 38, which is a mammalian host cell.

40. (New) A method for producing a polypeptide, the method comprising culturing the host cell of claim 39 under conditions in which the nucleic acid is expressed.

41. (New) An expression vector comprising the nucleic acid of claim 30.

42. (New) A host cell comprising the expression vector of claim 41.

43. (New) The host cell of claim 42, which is a mammalian host cell.

44. (New) A method for producing a polypeptide, the method comprising culturing the host cell of claim 43 under conditions in which the nucleic acid is expressed.